

Toxic action of petroleum and oil processing products on *Daphnia magna* straus

Ratushnyak A., Andreyeva M., Latypova V., Garipova L.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The kinetics of spontaneous transformations in crude oil (forming fractions and film, sorption, evaporation) in the aquatic medium was under laboratory studies. There have been stated the degrees of toxicity of crude oil, diesel fuel, and gasoline (petrol) to laboratory culture of *D. magna*. Bioassays with daphnia may be recommended to reveal the presence of petroleum and products of its processing in the water.
